

Practitioner's Docket No. 297/172 PCT/US
 Serial No. 10/550,178

CHAPTER II

IN THE UNITED STATES ELECTED OFFICE (EO/US)

PCT/US04/08725	22 March 2004 (22.03.04)	21 March 2003 (21.03.03)
International Application No.	International Filing Date	Priority Date Claimed

**METHODS FOR NANOSCALE STRUCTURES FROM OPTICAL LITHOGRAPHY AND
 SUBSEQUENT LATERAL GROWTH**

Title of Invention

North Carolina State University et al.

Applicant(s)

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450
 ATTENTION: EO/US

**COMPLETION OF FILING REQUIREMENTS
 FOR INTERNATIONAL APPLICATION ENTERING U.S. NATIONAL STAGE
 IN U.S. ELECTED OFFICE (EO/US) UNDER 35 U.S.C. § 371**

This replies to the Notice of Missing Requirements under 35 U.S.C. § 371 and 37 C.F.R. § 1.495 (FORM PCT/DO/EO/905).

A copy of FORM PCT/DO/EO/905 accompanies this response.

EXPRESS MAILING UNDER 37 C.F.R. § 1.10*

(*Express Mail label number is mandatory.*)
 (*Express Mail certification is optional*)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date
September 21, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box
 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No.
EV879062023US.

 Stacie H. Boswell

Date: September 21, 2006

Stacie H. Boswell
 Signature of person certifying

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

DECLARATION OR OATH

I. The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached.

SMALL ENTITY STATUS

II. An assertion that this filing is by a small entity was made by paying the basic national fee as a small entity.

EXTENSION OF TIME

III. The proceedings herein are for a patent application. Accordingly, the provisions of 37 C.F.R. § 1.136(a) apply.

Applicant petitions for an extension of two months, the small entity fee for which is \$225.00 as set out in 37 C.F.R. § 1.17(a)(1). If an additional extension of time is required, please consider this a petition therefor.

Extension fee due with this request \$225.00

FEES

IV. I. Surcharge fees

Surcharge for filing the oath or declaration
later than thirty months from the priority
date pursuant to § 1.495(c):

Total Fees \$65.00

\$65.00

TOTAL FEE DUE

V. The total fee due is:

Completion fee(s) \$65.00
Extension fee (if any) \$225.00

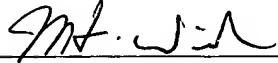
TOTAL FEE DUE \$290.00

PAYMENT OF FEES

VI. A check in the amount of \$290.00 is enclosed herewith and the Commissioner is hereby authorized to charge any additional fees required by this paper or credit any overpayment to Deposit Account Number 50-0426.

A duplicate of this request is attached.

Date: 9-21-06



Signature of Practitioner

Reg. No.: 36,058
Tel. No.: 001-919-493-8000
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09/27/2006 LLANDGRA 00000038 10550178

01 FC:2617 65.00 OP
02 FC:2252 225.00 OP



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/550,178	Mark Alan LaMnte Johnson	297/172PCT/US
INTERNATIONAL APPLICATION NO.		
PCT/US04/08725		
I.A. FILING DATE		PRIORITY DATE
03/22/2004		03/21/2003
CONFIRMATION NO. 8335		
371 FORMALITIES LETTER		
 OC000000019269411		

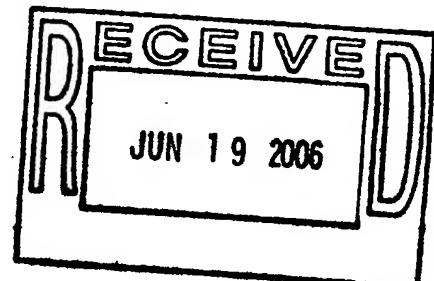
Date Mailed: 06/15/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/21/2005
- Copy of the International Search Report filed on 09/21/2005
- Copy of IPE Report filed on 09/21/2005
- Information Disclosure Statements filed on 09/21/2005
- Oath or Declaration filed on 09/21/2005
- Small Entity Statement filed on 09/21/2005
- U.S. Basic National Fees filed on 09/21/2005
- Priority Documents filed on 09/21/2005
- Specification filed on 09/21/2005
- Claims filed on 09/21/2005
- Abstracts filed on 09/21/2005
- Drawings filed on 09/21/2005

Initial: 8/15/06
 ABSOLUTE DATES: Absolute: 1/15/07
 PUBLISHED DATE: JUN
 DESIGNATED BY: 297/172 PCT/US
 DUE DATE: CAB
 DATE: 6/20/06



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65** Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/550,178	PCT/US04/08725	297/172PCT/US

FORM PCT/DO/EO/905 (371 Formalities Notice)